

Long division – questions 14 and 15

Sheet 1

Use long division

$24 \div 4 = 6$

Labels: divisor (4), quotient (6), dividend (24)

$1472 \div 23 =$

1) Lay out the calculation

23	1472	
1150	0322	(x 50)
230	92	(x 10)
092	00	(x 4)

2) Subtract a "chunk" (a multiple of the dividend)
 $23 \times 50 = 1150$

3) Subtract a further "chunk"
 $23 \times 10 = 230$

4) Subtract a further "chunk"
 $23 \times 4 = 92$

5) Add up how many "chunks" you have subtracted. $50 + 10 + 4$

$1472 \div 23 = 64$

$$68 \overline{)1088}$$

$$12 \overline{)1152}$$

$$26 \overline{)2106}$$

$$86 \overline{)4214}$$

$$96 \overline{)6528}$$

$$59 \overline{)590}$$

$$52 \overline{)3952}$$

$$20 \overline{)220}$$

Use long division

$24 \div 4 = 6$

Labels: *divisor* (4), *quotient* (6), *dividend* (24)

$1472 \div 23 =$

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	0322	
	230	(x 10)
	092	
	92	(x 4)
	00	

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$$56 \overline{)4200}$$

$$35 \overline{)1890}$$

$$70 \overline{)4760}$$

$$83 \overline{)6640}$$

$$63 \overline{)2520}$$

$$11 \overline{)1067}$$

$$47 \overline{)1692}$$

$$87 \overline{)8091}$$

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Labels: divisor (4), quotient (6), dividend (24)

$1472 \div 23 =$

1) Lay out the calculation

$23 \overline{) 1472}$	
$\underline{1150}$	$\times 50$ 2) Subtract a "chunk" (a multiple of the dividend)
0322	$23 \times 50 = 1150$
$\underline{230}$	$\times 10$ 3) Subtract a further "chunk"
092	$23 \times 10 = 230$
$\underline{92}$	$\times 4$ 4) Subtract a further "chunk"
00	$23 \times 4 = 92$

5) Add up how many "chunks" you have subtracted. $50 + 10 + 4$

$1472 \div 23 = 64$

$$52 \overline{) 1716}$$

$$71 \overline{) 2272}$$

$$79 \overline{) 5135}$$

$$92 \overline{) 4784}$$

$$55 \overline{) 4840}$$

$$16 \overline{) 400}$$

$$20 \overline{) 860}$$

$$64 \overline{) 1216}$$

Use long division

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$1472 \div 23 =$

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23	1472	
1150	0322	(x50)
092	230	(x10)
92	00	(x4)

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5) Add up how many "chunks" you have subtracted $50 + 10 + 4$

$1472 \div 23 = 64$

$$69 \overline{)966}$$

$$84 \overline{)3444}$$

$$89 \overline{)1780}$$

$$75 \overline{)1425}$$

$$65 \overline{)975}$$

$$36 \overline{)1368}$$

$$36 \overline{)1476}$$

$$46 \overline{)3082}$$

Long division – questions 14 and 15

Sheet 1

$$\begin{array}{r} 16 \\ 68 \overline{)1088} \end{array}$$

$$\begin{array}{r} 96 \\ 12 \overline{)1152} \end{array}$$

$$\begin{array}{r} 81 \\ 26 \overline{)2106} \end{array}$$

$$\begin{array}{r} 49 \\ 86 \overline{)4214} \end{array}$$

$$\begin{array}{r} 68 \\ 96 \overline{)6528} \end{array}$$

$$\begin{array}{r} 10 \\ 59 \overline{)590} \end{array}$$

$$\begin{array}{r} 76 \\ 52 \overline{)3952} \end{array}$$

$$\begin{array}{r} 11 \\ 20 \overline{)220} \end{array}$$

Sheet 2

$$\begin{array}{r} 75 \\ 56 \overline{)4200} \end{array}$$

$$\begin{array}{r} 54 \\ 35 \overline{)1890} \end{array}$$

$$\begin{array}{r} 68 \\ 70 \overline{)4760} \end{array}$$

$$\begin{array}{r} 80 \\ 83 \overline{)6640} \end{array}$$

$$\begin{array}{r} 40 \\ 63 \overline{)2520} \end{array}$$

$$\begin{array}{r} 97 \\ 11 \overline{)1067} \end{array}$$

$$\begin{array}{r} 36 \\ 47 \overline{)1692} \end{array}$$

$$\begin{array}{r} 93 \\ 87 \overline{)8091} \end{array}$$

Sheet 3

$$\begin{array}{r} 33 \\ 52 \overline{)1716} \end{array}$$

$$\begin{array}{r} 32 \\ 71 \overline{)2272} \end{array}$$

$$\begin{array}{r} 65 \\ 79 \overline{)5135} \end{array}$$

$$\begin{array}{r} 52 \\ 92 \overline{)4784} \end{array}$$

$$\begin{array}{r} 88 \\ 55 \overline{)4840} \end{array}$$

$$\begin{array}{r} 25 \\ 16 \overline{)400} \end{array}$$

$$\begin{array}{r} 43 \\ 20 \overline{)860} \end{array}$$

$$\begin{array}{r} 19 \\ 64 \overline{)1216} \end{array}$$

Sheet 4

$$\begin{array}{r} 14 \\ 69 \overline{)966} \end{array}$$

$$\begin{array}{r} 41 \\ 84 \overline{)3444} \end{array}$$

$$\begin{array}{r} 20 \\ 89 \overline{)1780} \end{array}$$

$$\begin{array}{r} 19 \\ 75 \overline{)1425} \end{array}$$

$$\begin{array}{r} 15 \\ 65 \overline{)975} \end{array}$$

$$\begin{array}{r} 38 \\ 36 \overline{)1368} \end{array}$$

$$\begin{array}{r} 41 \\ 36 \overline{)1476} \end{array}$$

$$\begin{array}{r} 67 \\ 46 \overline{)3082} \end{array}$$